3   set and a stack group comprising at least one stack, said application set group and said stack

4   group in communication with a wireless transceiver, comprising:

5   a first said device comprising:

6   a detector[means] in communication with said application set group for detecting the

7   configuration of said application set in a second said device; and

8   a stack selector[means] for enabling the optimum said stack responsive to said

9   detecting.

1   2.   (Amended) The system of Claim 1, wherein said detector[means] further enables the

2   optimum said application set responsive to said detecting.

1   3.   (Amended) The system of Claim 2, wherein an initial communications condition is defined,

2   said initial communications condition comprising said detector[means] enabling a default said

3   application set and said stack selector[means] enabling a default said stack.

1   5.   (Amended) A method for internally optimizing communications between a pair of devices,

2   each said device comprising an application set group comprising at least one application set and

3   a stack group comprising at least one stack, said application set group and said stack group in

4   communication with a wireless transceiver, comprising the steps of:

5   default enabling, wherein a stack selector[means] in communication with said stack group

6   for selecting the optimum said stack enables a default said stack; and

7   upgrade enabling, wherein said stack selector[means] enables an upgraded said stack.

1   6.   (Amended) The method of Claim 5, further comprising the step of:

2   querying, wherein a detector[means] for detecting the configuration of said application set

3   group in another said device queries said other device for the configuration of its said application

4   set group.

1   7.   (Amended) The method of Claim 6, wherein said upgrade enabling further comprises said

2   detector[means] enabling the optimum said application set.

1   **8.** (Amended) The method of Claim 7, further comprising a re-enabling step after said upgrade

2   step, said re-enabling step comprising said detector[means] enabling a default said application

3   set.

1   **9.** (Amended) The method of Claim 8, wherein said re-enabling step further comprises said

2   stack selector[means] enabling said default stack.

1   **10.** (Amended) A system for internally optimizing infrared communications between a pair of

2   devices, each said device comprising an infrared transceiver, an application set group comprising

3   at least one application set and a stack group comprising at least one stack, said application set

4   group in communication with said stack group and said stack group in communication with said

5   infrared transceiver, comprising:

6   a first said device comprising:

7   a detector[means] in communication with said application set group for detecting the

8   configuration of said application set in a second said device; and

9   a selector[means] for enabling the optimum said stack responsive to said detecting.

1   **11.** (Amended) The system of Claim 10, wherein said detector[means] further enables the

2   optimum said application set responsive to said detecting.

1   **12.** (Amended) The system of Claim 11, wherein an initial communications condition is defined,

2   said initial communications condition comprising said detector[means] enabling a default said

3   application set and said selector[means] enabling a default said stack

Clean Copy of all Claims:

1. A system for internally optimizing wireless communications between a pair of devices, each said device comprising an application set group comprising at least one application set and a stack group comprising at least one stack, said application set group and said stack group in communication with a wireless transceiver, comprising:

    a first said device comprising:

    a detector in communication with said application set group for detecting the configuration of said application set in a second said device; and

    a stack selector for enabling the optimum said stack responsive to said detecting.

2. The system of Claim 1, wherein said detector further enables the optimum said application set responsive to said detecting.

3. The system of Claim 2, wherein an initial communications condition is defined, said initial communications condition comprising said detector enabling a default said application set and said stack selector enabling a default said stack.

4. The system of Claim 3, wherein said initial communications condition is re-established upon cessation of said wireless communications.

5. A method for internally optimizing communications between a pair of devices, each said device comprising an application set group comprising at least one application set and a stack group comprising at least one stack, said application set group and said stack group in communication with a wireless transceiver, comprising the steps of:

    default enabling, wherein a stack selector in communication with said stack group for selecting the optimum said stack enables a default said stack; and

    upgrade enabling, wherein said stack selector enables an upgraded said stack.

6. The method of Claim 5, further comprising the step of:

2   querying, wherein a detector for detecting the configuration of said application set

3   group in another said device queries said other device for the configuration of its said application

4   set group.

1   **7.** The method of Claim 6, wherein said upgrade enabling further comprises said

2   detector enabling the optimum said application set.

1   **8.** The method of Claim 7, further comprising a re-enabling step after said upgrade

2   step, said re-enabling step comprising said detector enabling a default said application set.

1   **9.** The method of Claim 8, wherein said re-enabling step further comprises said stack

2   selector enabling said default stack.

1   **10.** A system for internally optimizing infrared communications between a pair of

2   devices, each said device comprising an infrared transceiver, an application set group comprising

3   at least one application set and a stack group comprising at least one stack, said application set

4   group in communication with said stack group and said stack group in communication with said

5   infrared transceiver, comprising:

6   a first said device comprising:

7   a detector in communication with said application set group for detecting the

8   configuration of said application set in a second said device; and

9   a selector for enabling the optimum said stack responsive to said detecting.

1   **11.** The system of Claim 10, wherein said detector further enables the optimum said

2   application set responsive to said detecting.

1   **12.** The system of Claim 11, wherein an initial communications condition is defined,

2   said initial communications condition comprising said detector enabling a default said

3   application set and said selector enabling a default said stack.

1   **13.** The system of Claim 12, wherein said initial communications condition is re-

2   established upon cessation of said wireless communications.